

We claim:

1. A pizza oven comprising:

- (a) a cooking chamber having a loading port and a dispensing port;
- 5 (b) a conveyor extending longitudinally through the cooking chamber from the loading port to the dispensing port;
- (c) an air plenum having an air intake port and having a plurality of air output ports;
- (d) air moving means connected operatively to the air
10 plenum for moving heated air from the air intake port to the air output ports; and,
- (e) upper or lower pluralities of ducts overlying or underlying the conveyor, each duct having a proximal end attached to the plenum and a distal end, each duct
15 further having proximal and distal air discharge ports respectively positioned proximally and distally from a vertical plane extending longitudinally along and substantially centrally through the conveyor, each duct's proximal air discharge port being larger than
20 said each duct's distal air discharge port.

2. The pizza oven of Claim 1 wherein the ducts among the upper or lower pluralities of ducts further comprise air discharge plates, and wherein the proximal and distal air

discharge ports comprise pluralities of apertures extending through the air discharge plates.

3. The pizza oven of Claim 2 wherein each aperture among
5 the pluralities of apertures is substantially circular.

4. The pizza oven of Claim 3 wherein each aperture among
the pluralities of apertures has a chamfered air columnating
wall.

10 5. The pizza oven of Claim 4 wherein the apertures among
the pluralities of apertures are substantially consistently
sized.

15 6. The pizza oven of Claim 2 wherein each duct among the
upper or lower pluralities of ducts further comprises an
apertured air columnating plate overlying or underlying said each
duct's air discharge plate, the apertures of each air columnating
plate aligning with the apertures of the air discharge plate
20 underlying or overlying said each air columnating plate.

7. The pizza oven of Claim 6 wherein each duct among the
upper or lower pluralities of ducts further comprises a distally
extending and sloping wall.

8. A pizza oven comprising:

- (a) a cooking chamber having a loading port and a dispensing port;
- (b) a conveyor extending longitudinally through the cooking chamber from the loading port to the dispensing port;
- (c) an air plenum having an air intake port and having a plurality of air output ports;
- (d) air moving means connected operatively to the air plenum for moving heated air from the air intake port to the air output ports; and,
- (e) upper or lower pluralities of ducts overlying or underlying the conveyor, each duct having a proximal end attached to the plenum and a distal end, each duct further having proximal, medial, and distal air discharge ports respectively positioned proximally from, between, and distally from a pair of vertical planes extending longitudinally along and substantially trisectingly through the conveyor, each duct's proximal air discharge port being larger than said each duct's medial air discharge port, and each duct's medial air discharge port being larger than said each duct's distal air discharge port.

9. The pizza oven of Claim 8 wherein each duct among the upper or lower pluralities of ducts comprises an air discharge

plate, and wherein the proximal, medial, and distal air discharge ports comprise pluralities of apertures extending through the air discharge plates.

5 10. The pizza oven of Claim 9 wherein each aperture among the pluralities of apertures is substantially circular.

10 11. The pizza oven of Claim 10 wherein each aperture among the pluralities of apertures has a chamfered air columnating wall.

15 12. The pizza oven of Claim 11 wherein the apertures among the pluralities of apertures are substantially consistently sized.

20 13. The pizza oven of Claim 9 wherein each duct among the upper or lower pluralities of ducts further comprises an apertured air columnating plate overlying or underlying said each duct's air discharge plate, the apertures of each air columnating plate aligning with the apertures of the air discharge plate underlying or overlying said each air columnating plate.

25 14. The pizza oven of Claim 13 wherein each duct among the upper or lower pluralities of ducts further comprises a distally extending and sloping wall.